

CLAIMS

1. A developer supply container for supplying
developer to a developer receiving portion of a main
assembly of the image forming apparatus of an
electrophotographic type, said developer supply
5 container being mountable to a main assembly of the
image forming apparatus, said developer supply
container comprising:
- a developer accommodating portion for
10 accommodating a developer;
 - a discharge opening for permitting discharge of
the developer;
 - a stirring member for stirring the developer in
said developer accommodating portion;
 - 15 a stirring drive receiving portion, provided in
one of opposing sides of said developer supply
container, for receiving a stirring driving force for
driving said stirring member from a stirring drive
transmitting portion provided in the main assembly of
20 the image forming apparatus and for transmitting the
stirring driving force to said stirring member;
 - an openable member movable to open and close
said discharge opening;
 - an opening and closing drive receiving portion,
25 provided in the openable member, for receiving an
opening and closing driving force for moving said
openable member;

an opening and closing drive transmitting portion, provided in the other of the opposing sides, for transmitting an opening and closing driving force to said opening and closing drive receiving portion
5 through an opening and closing driving relay portion provided in the main assembly of the image forming apparatus;

wherein by mounting said developer supply container to the main assembly of the image forming
10 apparatus, drive force transmittable engagements are established between said stirring drive transmitting portion and said stirring drive receiving portion, between said opening and closing drive transmitting portion and said opening and closing driving relay
15 portion, and between said opening and closing driving relay portion and said opening and closing drive receiving portion, respectively, so that stirring driving force is transmittable from said stirring drive transmitting portion to said stirring drive
20 receiving portion, and the opening and closing driving force is transmittable from said opening and closing drive transmitting portion to said opening and closing drive receiving portion, and

wherein a mounting direction in which said
25 developer supply container is mounted to the main assembly of said image forming apparatus is against a force received by said developer supply container from

the main assembly of the image forming apparatus;

an engaging portion, provided adjacent each of said sides, for limiting movement of said developer supply container in a dismounting direction by

5 engagement with a locking portion provided in the main assembly of the image forming apparatus when said developer supply container is mounted to the main assembly of the image forming apparatus.

10 2. An apparatus according to Claim 1, wherein said stirring drive receiving portion, said opening and closing drive receiving portion and said opening and closing include gears, respectively.

15 3. An apparatus according to Claim 2, wherein the mounting direction is such that rotational centers of the gears of said stirring drive receiving portion and said opening and closing drive transmitting portion approach to rotational centers of the gears of said
20 stirring drive transmitting portion and said opening and closing driving relay portion, respectively.

4. An apparatus according to Claim 1, further comprising a lever member movably provided on said
25 developer supply container, wherein said opening and closing drive transmitting portion is provided on said lever member, wherein wherein said lever member is

manually operable to open and close said openable member when said developer supply container is mounted to said main assembly of the image forming apparatus.

5 5. An apparatus according to Claim 4, wherein said lever member is rotatably supported on said sides.

6. An apparatus according to Claim 5, wherein said engaging portion is provided on said lever member.

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7. An apparatus according to Claim 1, wherein in a state in which said developer supply container is mounted to said main assembly of the image forming apparatus, said stirring drive receiving portion and
15 said opening and closing drive transmitting portion are disposed downstream of a position where said engaging portion and said locking portion are engaged with each other with respect to the mounting direction.

20 8. An image forming apparatus comprising:
an image forming station for forming an image with a developer;

a mounting portion for mounting a developer supply container accommodating a developer to be
25 supplied to said image forming station;

a developer receiving portion for receiving the developer supplied through a discharge opening of said

developer supply container;

a stirring drive transmitting portion for
transmitting a stirring driving force for driving a
stirring member provided in said developer supply
5 container to a stirring drive receiving portion
provided in one of opposing sides of said developer
supply container;

an opening and closing drive transmitting
portion for transmitting an opening and closing
10 driving force for moving an openable member provided
in said developer supply container to open and close
said discharge opening, the opening and closing drive
transmitting portion is provided in the other one of
the sides, an opening and closing driving
15 relay portion for receiving the opening and closing
driving force from said opening and closing drive
transmitting portion and transmitting the opening and
closing driving force to an opening and closing drive
receiving portion provided in said openable member,

20 wherein by mounting said developer supply
container to the main assembly of the image forming
apparatus, drive force transmittable engagements are
established between said stirring drive transmitting
portion and said stirring drive receiving portion,
25 between said opening and closing drive transmitting
portion and said opening and closing driving relay
portion, and between said opening and closing driving

relay portion and said opening and closing drive receiving portion, respectively, so that stirring driving force is transmittable from said stirring drive transmitting portion to said stirring drive receiving portion, and the opening and closing driving force is transmittable from said opening and closing drive transmitting portion to said opening and closing drive receiving portion, and

wherein a mounting direction in which said developer supply container is mounted to the main assembly of said image forming apparatus is against a force received by said developer supply container from the main assembly of the image forming apparatus;

a locking portion, provided adjacent each of portions which are opposed by the sides when said developer supply container is mounted to said apparatus, for limiting movement of said developer supply container in a dismounting direction by engagement with an engaging portion of said developer supply container.

9. An apparatus according to Claim 8, wherein said stirring drive transmitting portion, said opening and closing driving relay portion include gears, respectively.

10. An apparatus according to Claim 9, wherein the

mounting direction is such that rotational centers of the gears of said stirring drive receiving portion and said opening and closing drive transmitting portion approach to rotational centers of the gears of said stirring drive transmitting portion and said opening and closing driving relay portion, respectively.

11. An apparatus according to Claim 8, wherein a lever member is movably provided on said developer supply container, wherein said opening and closing drive transmitting portion is provided on said lever member, wherein said lever member is manually operable to open and close said openable member when said developer supply container is mounted to said main assembly of the image forming apparatus.

12. An apparatus according to Claim 11, wherein said lever member is rotatably supported on said sides.

13. An apparatus according to Claim 12, wherein said engaging portion is provided on said lever member.

14. An apparatus according to Claim 8, wherein in a state in which said developer supply container is mounted to said mounting portion, said stirring drive receiving portion and said opening and closing drive transmitting portion are disposed downstream of a

position where said engaging portion and said locking portion are engaged with each other with respect to the mounting direction.